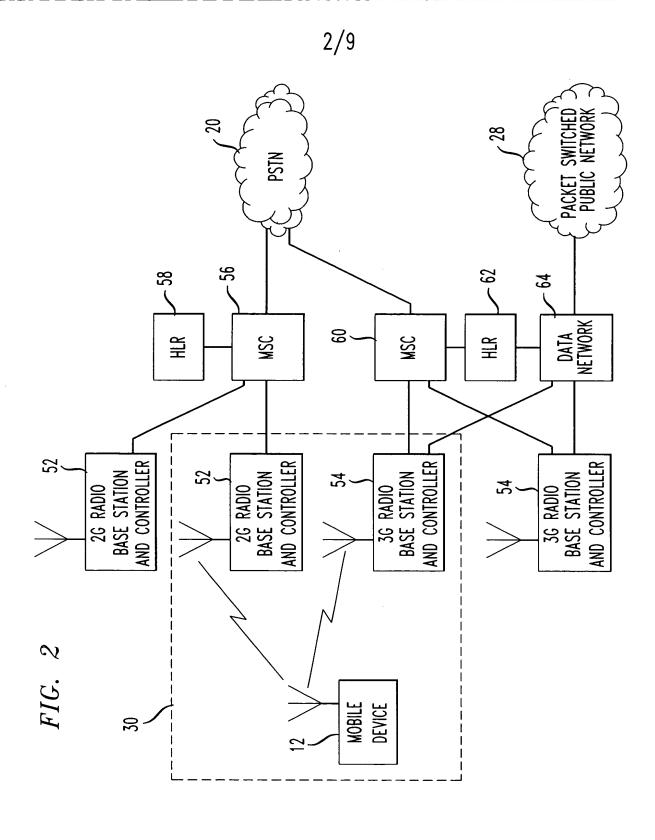


 $\Lambda^{r_{1}-1}$



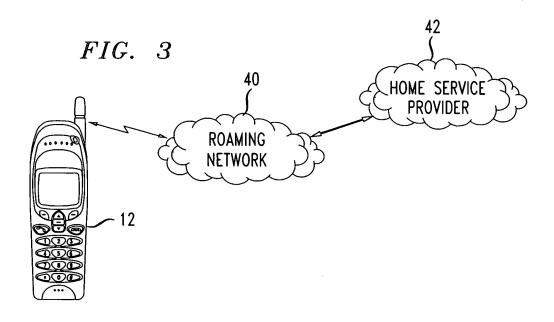


FIG. 4

THE 1st PREFERRED ROAMING PARTNER ON 2G NW	THE 1st PREFERRED VOICE ROAMING PARTNER ON 3G NW	THE 1st PREFERRED ROAMING PARTNER ON A QoSi
THE 2nd PREFERRED ROAMING PARTNER ON 2G NW	THE 2nd PREFERRED VOICE ROAMING PARTNER ON 3G NW	THE 2nd PREFERRED ROAMING PARTNER ON A QoSi
THE 3rd PREFERRED ROAMING PARTNER ON 2G NW	THE 3rd PREFERRED VOICE ROAMING PARTNER ON 3G NW	THE 3rd PREFERRED ROAMING PARTNER ON A QoSi
o o o	•	o o o
THE Nth PREFERRED ROAMING PARTNER ON 2G NW	THE Nth PREFERRED VOICE ROAMING PARTNER ON 3G NW	THE Nth PREFERRED ROAMING PARTNER ON A QoSi

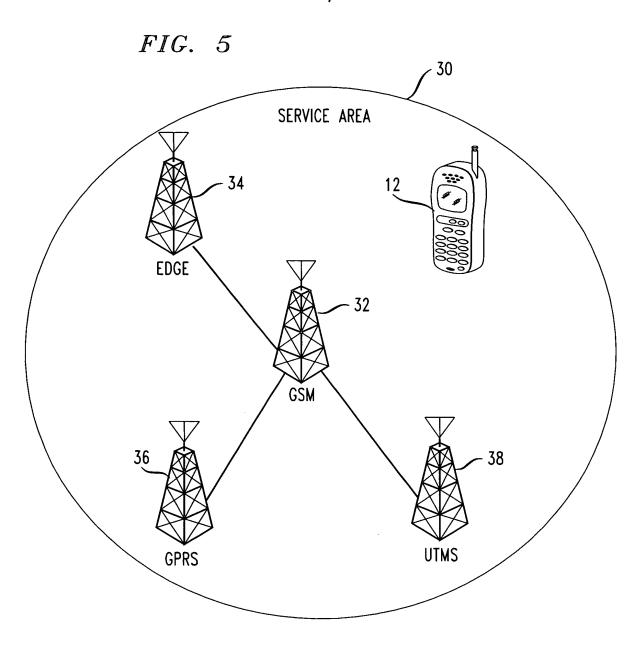


FIG. 6

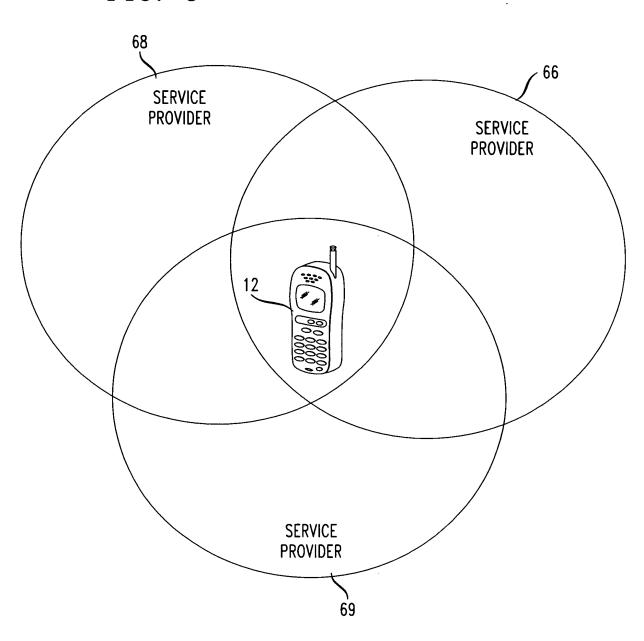


FIG. 7a

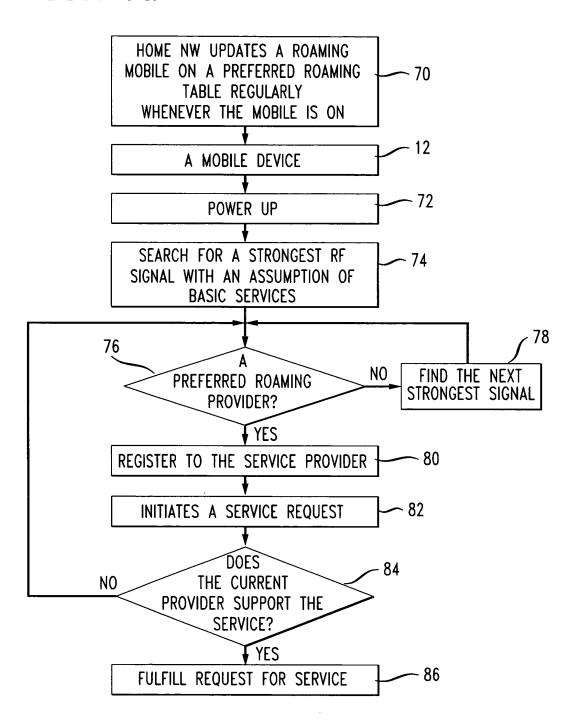
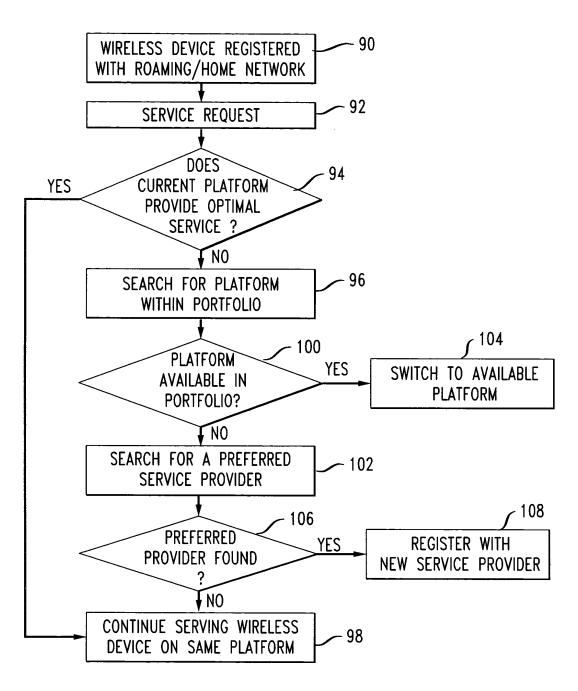


FIG. 7b



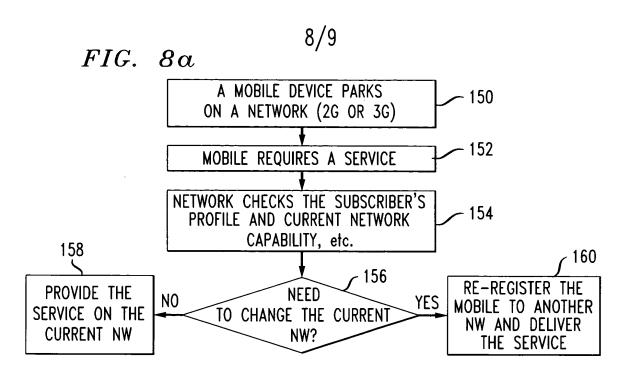


FIG. 8b

